



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

91586-2

Date of Issuance:

05/05/16

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

JustiFly® 0.67% Diflubenzuron
 Larvicide Premix

Name and Address of Registrant (include ZIP Code):

Mr. Ian Weatherston, Ph.D.
 Consultant to CHAMPION USA LLC
 c/o J&T Associates, LLC
 4061 North 156th Drive
 Goodyear, AZ 85395

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(B). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Richard Gebken, Product Manager 10
 Invertebrate & Vertebrate Branch 2
 Office of Pesticide Programs

Date:

05/05/16

1. You are required to comply with the data requirements described in the DCI identified below:

a. Diflubenzuron GDCI-108201-1286

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://www.epa.gov/oppsrrd1/contacts_prd.htm

2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://www.epa.gov/oppsrrd1/contacts_prd.htm
3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 91586-2.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/09/2016

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EPA Reg. No. 91586-2
Decision No. 512862

If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at Rodia.Carmen@epa.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard Gebken".

Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

*Enclosures: Label Stamped "Accepted," dated 05/05/2016
Acute Toxicity Review, dated 02/03/2016
Product Chemistry Review, dated 04/11/2016*

JustiFly® 0.67%Diflubenzuron Larvicide Premix

AN INSECT GROWTH REGULATOR END-USE PRODUCT FOR CONTROL OF HORN FLY, STABLE FLY, HOUSE FLY AND FACE FLY IN THE MANURE OF CATTLE AND CALVES

Prevents the development and emergence of horn flies, stable flies, house flies and face flies in the manure of treated cattle (lactating and non-lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves, including veal calves).

Prevents the development and emergence of horn fly, stable fly, house fly and face fly larvae in the manure of treated cattle (lactating and non-lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves, including veal calves).

When mixed in [daily][feed][feed concentrate][mineral supplements] prevents the development and emergence of horn flies, stable flies, house flies and face flies in the manure of treated cattle (lactating and non-lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves, including veal calves).

Contains diflubenzuron Insect Growth Regulator [IGR]

Breaks the life cycle of the listed insects [(horn flies), (stable flies), (house flies), (face flies)].

May be used in an integrated pest management [fly control] program.

[] & () = alternate language

ACTIVE INGREDIENT

Diflubenzuron* (CAS# 35367-38-5) 0.67%

OTHER INGREDIENTS

99.33%

Total 100.00%

*Contains 3.04 g of diflubenzuron/lb

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE [BACK FOR] ADDITIONAL PRECAUTIONARY STATEMENTS

CHAMPION USA LLC
446 W. Hillsboro Blvd.
Deerfield Beach, FL 33441

NET CONTENTS xx lbs [xx g], xx lbs [xx kg]

EPA Reg No. 91586-X

EPA Est. No. xxxxx-xxx-xxx

ACCEPTED

05/05/2016

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 91586-2

Batch Number

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear (if appropriate). Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call poison control center or doctor for treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday 8 am – 12 pm PST. NPIC Web site (http://www.npic.orst.edu/). After 12 pm PST on weekdays, and weekends, please contact your poison control center at 1-800-222-1222.	

PERSONAL PROTECTIVE EQUIPMENT

Mixers and other handlers must wear long-sleeved shirt and pants, shoes plus socks, and chemical resistant gloves (nitrile rubber, barrier laminate, neoprene rubber or viton). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

USE INFORMATION

JustiFly® 0.67% Diflubenzuron Larvicide Premix is intended for blending into cattle rations to prevent the development and emergence of infestations of horn fly, stable fly, house fly and face

fly in the manure of treated beef and dairy cattle and calves. When mixed with cattle supplements, diflubenzuron, the active ingredient in JustiFly® 0.67% Diflubenzuron Larvicide Premix, passes through the digestive tract and into the feces in sufficient concentration to kill fly larvae. JustiFly® 0.67% Diflubenzuron Larvicide Premix controls the infestation by inhibiting the development of horn fly, stable fly, house fly and face fly larvae in the manure and feces of treated animals but is not effective against existing adult flies.

This product can be used as part of a(n) [integrated][pest][fly][control][management] program aimed at reducing fly populations in the cattle's environment. Consult your [veterinarian][or][retailer] for program recommendations. In order to achieve optimum fly control, use JustiFly® 0.67% Diflubenzuron Larvicide Premix in conjunction with [other][brand name] premise and on-animal products as well as good management and sanitation practices.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

There is no withdrawal period for JustiFly® 0.67% Diflubenzuron Larvicide Premix. Start feeding JustiFly® 0.67% Diflubenzuron Larvicide Premix before flies begin to emerge and continue use until cold weather marks the end of fly season. In some cases, supplemental fly control measures may be needed in and around pastures, barns, and feedlots to control adult flies which can breed in other decaying matter or silage in the area, or that migrate in from other locations.

MIXED WITH FREE-CHOICE MINERALS

Mix JustiFly® 0.67% Diflubenzuron Larvicide Premix with free choice minerals to produce mineral mixture as shown in the table below*. Place the diflubenzuron/mineral mixture in feeders close to either water sources and/or resting areas. Use one feeder for 15 – 20 head of cattle. Fill the feeders with no more than a 5 – 7 day supply of the mixture at one time, and protect from inclement weather.

*These calculations are based on a 1000 lb animal

4 OZ/DAY FEEDING RATE**

JustiFly® 0.67% Diflubenzuron Larvicide Premix	13.00 lbs	6.10%
Free choice minerals	200.00 lbs	93.90%
Total	213.00 lbs	100.00%

**When the use of free choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 25% sodium chloride content determines a rate of 4 oz/day.

2 OZ/DAY FEEDING RATE***

JustiFly® 0.67% Diflubenzuron Larvicide Premix	13.50 lbs	11.89%
Free choice minerals	100.00 lbs	88.11%
Total	113.50 lbs	100.00%

**When the use of free choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 50% sodium chloride content

determines a rate of 2 oz/day.

MIXED RATION FEEDING

Use the formula below to determine the mixing rate of JustiFly® 0.67% Diflubenzuron Larvicide Premix with grain or feed supplement. The mixing and feeding rates of JustiFly® 0.67% Diflubenzuron Larvicide Premix is calculated from the equation and will provide the daily intake not in excess of 0.10 mg diflubenzuron/kg body weight (4.54 mg/100 lbs of body weight per day).

$$\text{Amount of JustiFly® 0.67\% Diflubenzuron Larvicide Premix (lbs/ton)} = \frac{[(\text{body weight in lbs}) \div 100] \times 3.00}{\text{Average daily intake (lbs)}}$$

CALVES

For starters to be fed to calves weighing between 100 – 200 lbs, use the following table.

		MIXING RATE	
CALF WEIGHT	Feed Intake (lb/head/day)	Amount of JustiFly® Diflubenzuron Larvicide Premix (lbs/ton)	Diflubenzuron (g/ton)
100 lbs	1.36	2.20	6.69
150 lbs	2.04		
200 lbs	2.72		
100 lbs	1.81	1.66	5.05
150 lbs	2.70		
200 lbs	3.62		

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING Nonrefillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment then offer for recycling if available or dispose of empty bag and box in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY

Champion Farmquimico Ltda. warrants that this product conforms to the chemical description on the label. Champion Farmquimico Ltda., neither makes nor authorizes any agent or representative to make any other warranty of fitness of merchantability, guarantee or representation, express or implied, concerning this product. To the extent consistent with

applicable law, Champion Fardoquimico Ltda's maximum liability for breach of this warranty shall not exceed that purchase price of this product. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product which extend beyond the use of this product under normal conditions in accord with the statements on this label.